

TRAFFIC SIGNAL SERVICES WORKER I/II

Purpose:

To actively support and uphold the City's stated mission and values. To perform skilled and semi-skilled work in the construction, installation and maintenance of traffic signal and lighting devices.

Distinguishing Characteristics:

<u>Traffic Signal Services Worker I</u> - This is the entry level class in the Traffic Signal Services Worker series. This class is distinguished from the Traffic Signal Services Worker II by the performance of the more routine tasks and duties assigned to positions within the series including traffic signal and lighting maintenance and assisting in the construction and installation of traffic signal devices. Since this class is typically used as a training class, employees may have only limited or no directly related work experience.

Traffic Signal Services Worker II - This is the full journey level class within the Traffic Signal Services Worker series. Employees within this class are distinguished from the Traffic Signal Services Worker I by the performance of the full range of duties as assigned including skilled work in the construction, installation, repair, and maintenance of traffic signal devices. Employees at this level receive only occasional instruction or assistance as new or unusual situations arise, and are fully aware of the operating procedures and policies of the work unit. Positions in this class are flexibly staffed and are normally filled by advancement from the I level or when filled from the outside require previous traffic signal work experience.

Supervision Received and Exercised:

<u>Traffic Signal Services Worker I</u>

Receives immediate supervision from the Traffic Signal Supervisor, Traffic Operations Crew Leader, or from other supervisory or management staff.

Traffic Signal Services Worker II

Receives general supervision from the Traffic Signal Supervisor, Traffic Operations Crew Leader, or from other supervisory or management staff.

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May exercise technical or functional supervision over lower level traffic signal service staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

• Troubleshoot, repair and maintain traffic signal control devices, systems and auxiliary equipment.

 Participate in the construction, installation and maintenance of traffic signals and lighting systems.

 Operate equipment in signal installation such as dump trucks, air compressors, jack hammers, trenchers, backhoes, augers, crane trucks, bucket truck aerial lift, and fork lifts.

 Interpret plans and specifications to ensure correct installation of traffic signal systems.

Install conduits for signal systems and telephone circuits.

• Participate in the installation and identification of electrical circuits, splicing circuits and traffic control devices.

• Wire, drill, install, assemble and repair signal poles and heads, pedestrian heads, push buttons, luminaries, optical communication devices and wire loops.

Operate shop tools, such as drill presses, grinders, cutting torches and welders.

 Use proper test equipment to read voltage and amperage of traffic signal systems.

• Perform minor mechanical maintenance work on equipment; notify supervisor of major repairs.

 Coordinate work activities with other City divisions and departments as well as outside agencies and contractors.

Effective November 1988 Reviewed July 1992 Revised November 2001 (range adjustment is due to market) Revised October 2003 Revised December 2005

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Traffic Signal Services Worker I/II (continued)

- Monitor inventory of supplies and equipment; advise supervisor of equipment and supply needs.
- Trim and remove tree/brush obstructing City property.
- Perform minor repairs to damaged sprinkler system irrigation lines.
- Install traffic cones and barricades; direct and control traffic during normal work schedule, evenings, weekends and special events.
- Remove graffiti, stickers, and unauthorized signs and posters on all signal poles and controller cabinets.
- Keep inventory of materials/supplies in vehicles and warehouse.
- Create and close Hansen software work orders.
- Transport necessary equipment and supplies to and from the work site.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

Traffic Signal Services Worker I

Two years of responsible maintenance and construction experience related to the trades used in traffic signal construction.

Traffic Signal Services Worker II

One year of responsible traffic signal and lighting system maintenance experience comparable to that of a Traffic Signal Services Worker I in the City of Tempe.

Training:

Traffic Signal Services Worker I

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Traffic Signal Services Worker I/II (continued)

Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance.

Traffic Signal Services Worker II

Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance.

Licenses/Certifications:

Requires the possession of a valid driver's license.

Possession of, or required to obtain, a Work Zone Safety International Municipal Signal Association (IMSA) Certification.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.

Job Code: 121/153

FLSA: Non-Exempt/Non-Exempt